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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/875,556	06/06/2001	J. Smith Doss	RSW920010042US1	7902
7590	12/20/2005		EXAMINER	
Jeanine S. Ray-Yarletts IBM Corporation T81/062 P.O. Box 12195 Research Triangle Park, NC 27709			MAHMOUDI, HASSAN	
			ART UNIT	PAPER NUMBER
			2165	

DATE MAILED: 12/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	09/875,556	DOSS ET AL.
	Examiner	Art Unit
	Tony Mahmoudi	2165

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) Responsive to communication(s) filed on 03 October 2005.
- 2a) This action is FINAL. 2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) Claim(s) 1-69 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) Claim(s) _____ is/are allowed.
- 6) Claim(s) 1-69 is/are rejected.
- 7) Claim(s) _____ is/are objected to.
- 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 06 June 2001 is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____
3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.	5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
	6) <input type="checkbox"/> Other: _____.

DETAILED ACTION

Remarks

1. In view of the Pre-Appeal Conference Decision mailed on 25-October-2005, PROSECUTION IS HEREBY REOPENED. New grounds of rejection are set forth below.
2. In view of the latest entered amendment, filed on 15-April-2005, claims 1-69 are presently pending in the application, of which, claims 1, 24, and 47 are presented in independent form.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-69 are rejected under 35 U.S.C. 103(a) as being unpatentable over Diacakis et al. (U.S. Pub. No. 2002/0116336 A1) in view of Balsara et al (U.S. Patent No. 6,065,012.)

As to claim 1, Diacakis et al. teaches a method in a computer system for providing both directory information and dynamically updated contact information for at least one of a plurality of entities in response to a directory search, the method comprising:

receiving a query criteria (see Diacakis et al, figure 4, where “query criteria” is read on “presence information” and “availability information”) to perform a directory search, the query criteria comprising information that is included in a directory database (see Diacakis et al, Diacakis et al, paragraph 30);

executing a search of the directory database that comprises static information and does not comprise dynamically updated contact information utilizing the query criteria to produce a first result (see Diacakis et al, figure 8, where “first result” is read on “Contacts Program”), the directory database being a list of names and addresses of potential recipients (see Diacakis et al, figure 2);

invoking a contact information service utilizing the first result to search an electronic calendaring system to produce a second result containing dynamic contact information about each recipient included in the first result (see Diacakis et al, figure 8, where “second result” is read on “Contact Properties”);

coalescing the first and second results to produce a coalesced result; and providing the coalesced result (see Diacakis et al, figure 8).

Diacakis et al does not teach: the dynamic contact information being dynamically updated to indicate a recipient’s current contact information and current availability that describe how the recipient can be currently contacted.

Balsara et al teaches a system and method for displaying and manipulating user-relevant data (see Abstract), in which he teaches: the dynamic contact information being dynamically updated to indicate a recipient’s current contact information and current availability that

describe how the recipient can be currently contacted (see Abstract; see column 5, lines 56-64; see column 6, lines 19-30; and see column 18, line 18 through column 19, line 35.)

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Diacakis et al by the teaching of Balsara et al because including the dynamic contact information being dynamically updated to indicate a recipient's current contact information and current availability that describe how the recipient can be currently contacted, would enable the system to keep contact information up-to-date and accurate for the users/searchers of electronic calendaring systems. As taught by Balsara et al, "the predetermined data is updated and can be manipulated directly from the dynamic summary view 210. Therefore, the predetermined data may be manipulated or conveniently modified without the need to launch other program modules and without having to switch between multiple program modules" (Balsara et al, column 10, lines 54-64.)

As to claims 2, 25, and 48, Diacakis et al as modified, teaches the method further comprising:

executing the search of the directory database utilizing the query criteria to produce the first result which is a null set (see Diacakis et al, figure 10, references 126 and 128; and see paragraph 66, where "null" is read on "not available"); and

invoking the dynamic contact information service utilizing the query criteria to produce the second result (see Diacakis et al, figure 10; and see paragraph 66).

As to claims 3, 26 and 49, Diacakis et al. as modified, teaches the method, further comprising:

establishing the directory database including directory records for a first plurality of the plurality of entities, the directory records including directory information for each of the first plurality of the plurality of entities (see Diacakis et al., figure 8, “Contacts Program”); and

establishing a dynamic contact information service that provides a dynamic-content record for a second plurality of the plurality of entities, each the dynamic-content record being dynamically updated to indicate current contact information for the each of the second plurality of the plurality of entities (see Diacakis et al., figure 8, “Contact Properties”; and see Balsara et al., Abstract; see column 5, lines 56-64; see column 6, lines 19-30; and see column 18, line 18 through column 19, line 35.)

As to claims 4, 27, and 50, Diacakis et al. as modified, teaches the method further comprising specifying filtering preferences for filtering the coalesced result to produce a filtered result (see Diacakis et al., figure 7, reference 108).

As to claims 5, 28, and 51, Diacakis et al. as modified, teaches the method further comprising formatting and displaying the filtered result (see Diacakis et al., figure 8, where “formatting and displaying the filtered result” is read on “Contact Properties”).

As to claims 6, 29, and 52, Diacakis et al. as modified, teaches the method further comprising filtering the coalesced result to include within the filtered result only records of a

plurality of people whose contact information indicates that the plurality of people are available by a requestor specified means and within a particular period of time (see Diacakis et al, paragraph 31, where “requestor specified means” is read on “the individual identifies and categorizes”; and see paragraph 40 where “particular period of time” is read on “time of day information and known scheduling/calendar information”).

As to claims 7, 30, and 53, Diacakis et al. as modified, teaches the method further comprising filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are available to receive a telephone call within a particular period of time (see Diacakis et al, paragraph 56).

As to claims 8, 31, and 54, Diacakis et al. as modified, teaches the method further comprising filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are available for an in-person meeting within a particular period of time (see Diacakis et al, paragraph 33; and see paragraph 57, where “available for an in-person meeting” is read on “situation” and “situation profile”).

As to claims 9, 32, and 55, Diacakis et al. as modified, teaches the method further comprising filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are

available for communication via instant messaging within a particular period of time (see Diacakis et al, paragraph 56).

As to claims 10, 33, and 56, Diacakis et al as modified, teaches the method further comprising filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are available for receiving a page within a particular period of time (see Diacakis et al, paragraph 60).

As to claims 11, 34, and 57, Diacakis et al as modified, teaches the method further comprising filtering the coalesced result to include within the filtered result only records of a plurality of people whose contact information indicates that the plurality of people are available to check an e-mail account for each of the plurality of people within a particular period of time (see Diacakis et al, figure 8, “E-mail”).

As to claims 12, 35, and 58, Diacakis et al as modified, teaches the method further comprising filtering the coalesced result to include within the filtered result only fields specified by a requestor (see Diacakis et al, paragraph 34).

As to claims 13, 36, and 59, Diacakis et al as modified, teaches the method further comprising specifying sorting preferences for sorting the coalesced result (see Diacakis et al, figure 8, where “sorting the coalesced result” is read on “Contacts Program”).

As to claims 14, 37, and 60, Diacakis et al. as modified, teaches the method further comprising sorting the records so that the records are displayed in a particular order (see Diacakis et al., figure 8, where “records are displayed in a particular order” is read on “Contacts Program”).

As to claims 15, 38, and 61, Diacakis et al. as modified, teaches the method further comprising including within the coalesced result a telephone number for each of the plurality of people, the telephone number being a telephone number at which the each of the plurality of people can be reached by telephone during a particular period of time (see Diacakis et al., figure 8; and see paragraph 59).

As to claims 16, 39, and 62, Diacakis et al. as modified, teaches the method further comprising including within the coalesced result a physical location for each of the plurality of people, the physical location being a location where the each of the plurality of people can be found during a particular period of time (see Diacakis et al., figure 4, reference 56).

As to claims 17, 40, and 63, Diacakis et al. as modified, teaches the method further comprising including within the coalesced result a pager address for each of the plurality of people, the pager address being a pager address at which the each of the plurality of people can be reached by paging during a particular period of time (see Diacakis et al., paragraphs 59-60).

As to claims 18, 41, and 64, Diacakis et al. as modified, teaches the method further comprising including within the coalesced result an instant message user name for each of the plurality of people, the instant message user name being an instant message user name at which the each of the plurality of people can be reached via an instant message service during a particular period of time (see Diacakis et al., figure 2 and figure 8; and see paragraph 59).

As to claims 19, 42, and 65, Diacakis et al. as modified, teaches the method further comprising including within the coalesced result an e-mail address for each of the plurality of people, the e-mail address being an e-mail address which the each of the plurality of people is expected to check during a particular period of time (see Diacakis et al., figure 2; and see figure 8).

As to claims 20, 43, and 66, Diacakis et al. as modified, teaches the method, further comprising including within the coalesced result an indication of whether the one or more of the plurality of people is currently utilizing a telephone (see Diacakis et al., paragraph 43, where “utilizing the phone” is read on “wireless telephone network”; and see paragraph 59).

As to claims 21, 44, and 67, Diacakis et al. as modified, teaches the method further comprising including within the coalesced result an indication of a best current means for

contacting each of the plurality of people (see Diacakis et al., figure 2, where “best” is read on “preferred”; and see paragraph 32, where “best” is read on “indication”).

As to claims 22, 45, and 68, Diacakis et al. as modified, teaches the method further comprising including within the coalesced result an indication of an alternate contact person for each of the plurality of people (see Diacakis et al., figure 8, where “alternate contact person” is read on “Cell vmail” and “Home vmail”).

As to claims 23, 46, and 69, Diacakis et al. as modified, teaches the method further comprising including within the coalesced result an indication of whether the one or more of the plurality of people is available in a particular period of time to be contacted by any means and one or more means for contacting the one or more of the plurality of people (see Diacakis et al., figure 8, where an “indication” is read on “contact properties”; and see paragraph 56, where “indication” is read on “icon”).

As to claim 24, Diacakis et al. teaches a computer program product in a computer system for providing both directory information and dynamically updated contact information for at least one of a plurality of entities in response to a directory search (see figure 8, where “directory information” is read on “Contacts program” and “contact information” is read on “Contact properties”).

a computer readable medium having computer readable program code embodied therein (see paragraph 39).

The remaining limitations of this claim are taught by Diacakis et al, as discussed in claim 1 above.

Diacakis et al does not teach: the dynamic contact information being dynamically updated to indicate a recipient's current contact information and current availability that describe how the recipient can be currently contacted.

Balsara et al teaches a system and method for displaying and manipulating user-relevant data (see Abstract), in which he teaches: the dynamic contact information being dynamically updated to indicate a recipient's current contact information and current availability that describe how the recipient can be currently contacted (see Abstract; see column 5, lines 56-64; see column 6, lines 19-30; and see column 18, line 18 through column 19, line 35.)

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Diacakis et al by the teaching of Balsara et al because including the dynamic contact information being dynamically updated to indicate a recipient's current contact information and current availability that describe how the recipient can be currently contacted, would enable the system to keep contact information up-to-date and accurate for the users/searchers of electronic calendaring systems. As taught by Balsara et al, "the predetermined data is updated and can be manipulated directly from the dynamic summary view 210. Therefore, the predetermined data may be manipulated or conveniently modified without the need to launch other program modules and without having to switch between multiple program modules" (Balsara et al, column 10, lines 54-64.)

As to claim 47, Diacakis et al. teaches a computer system for providing both directory information and dynamically updated contact information for at least one of a plurality of entities in response to a directory search, comprising:

 a memory (see paragraph 39);
 a processor connected to access the memory (see paragraph 39);
 a directory database stored in the memory, the directory database comprising a list of names and addresses of potential recipients, the directory database comprising static information and does not comprise dynamically updated contact information (see figure 2);
 program instructions stored in the memory and executed by the processor, the program instructions comprising (see paragraph 39):
 instructions for receiving a query criteria (see figure 4) to perform a directory search, the query criteria comprising information that is included in the directory database (see figure 8);
 instructions for executing a search of the directory database utilizing the query criteria to produce a first result (see figure 4; and see paragraph 39, where “CPU” is read on “computer readable medium”, and “code” is read on “software code”).

The remaining limitations of this claim are taught by Diacakis et al., as discussed in claim 1 above.

Diacakis et al does not teach: the dynamic contact information being dynamically updated to indicate a recipient’s current contact information and current availability that describe how the recipient can be currently contacted.

Balsara et al teaches a system and method for displaying and manipulating user-relevant data (see Abstract), in which he teaches: the dynamic contact information being dynamically

updated to indicate a recipient's current contact information and current availability that describe how the recipient can be currently contacted (see Abstract; see column 5, lines 56-64; see column 6, lines 19-30; and see column 18, line 18 through column 19, line 35.)

Therefore, it would have been obvious to a person having ordinary skill in the art at the time the invention was made to have modified Diacakis et al by the teaching of Balsara et al because including the dynamic contact information being dynamically updated to indicate a recipient's current contact information and current availability that describe how the recipient can be currently contacted, would enable the system to keep contact information up-to-date and accurate for the users/searchers of electronic calendaring systems. As taught by Balsara et al, "the predetermined data is updated and can be manipulated directly from the dynamic summary view 210. Therefore, the predetermined data may be manipulated or conveniently modified without the need to launch other program modules and without having to switch between multiple program modules" (Balsara et al, column 10, lines 54-64.)

Response to Amendment

5. Applicant's arguments presented in the Pre-Appeal Conference Request filed on 03-October-2005 with response to rejection of claims 1-69 in view of the cited reference have been fully considered but they are moot in view of the new grounds of rejection.

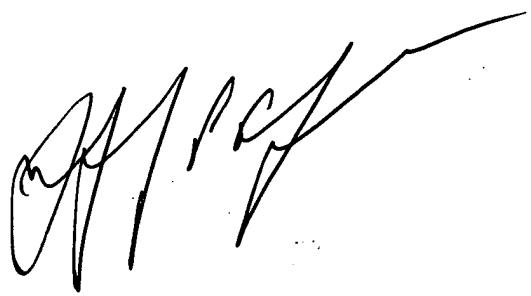
Conclusion

6. Any inquiries concerning this communication or earlier communications from the examiner should be directed to Tony Mahmoudi whose telephone number is (571) 272-4078. The examiner can normally be reached on Mondays-Fridays from 08:00 am to 04:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin, can be reached at (571) 272-4146.

tm

December 12, 2005

A handwritten signature in black ink, appearing to read "T. MAHMUDI", is positioned to the right of the typed name and date.